Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Wednesday 14 Jul 2021 until 23:59 on Thursday 15 Jul 2021

Forecast Issued on Wednesday 14 Jul 2021 at 03:10

Confidence: High for settled conditions and trend towards warmer temperatures, moderate for extend of low cloud overnight.

Headline for Wednesday 14 Jul 2021: A cloudy start, steadily clearing to a warm and sunny afternoon.

Mountain weather hazards on Wednesday 14 Jul 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
High Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Mist	Sunny intervals	Sunny intervals	Sunny	Sunny	Clear night
Precipitation probability					
10%	<05%	<05%	<05%	<05%	<05%

Forecast for Wednesday 14 Jul 2021

Weather: Mostly cloudy start before cloud lifts and breaks during the morning, allowing some sunny spells that become more prolonged into the afternoon. By evening, most of the cloud will have faded away leaving a warm and sunny evening across the park.

Chance of cloud free mountain/hill tops above 600m: 30% with broken bases around 300m, becoming 100% by mid to late morning with scattered bases around 900m.

Visibility: Poor or very poor initially, especially in the west, improving to very good mid to late morning with distant summits visible for much of the day.

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Mountain Weather Forecast

Forecast for Wednesday 14 Jul 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/14 W	12/17 W	13/18 NW	15/21 W	15/22 W	13/18 W	12/18 W
300	7/9 NW	10/14 NW	12/18 NW	14/21 W	13/20 NW	9/15 W	8/12 W
Valley	6/9 NW	8/13 NW	10/18 NW	12/21 W	11/20 NW	6/14 W	4/10 NW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/10	14/11	16/14	17/14	15/12	13/10	12/9
300	13/12	16/14	19/16	19/16	18/15	15/14	14/13
Valley	14/13	17/16	20/18	20/18	18/16	16/15	14/14
Freezing Level*	2500m	2600m	2600m	2700m	3200m	3400m	3200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A warm day once the early low cloud clears, with very strong sunshine. Sun protection and staying well hydrated is advised.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Wed 14 Jul 2021	0.2mm	5.6mm	6.6mm

Forecast for Thursday 15 Jul 2021

Weather: Low cloud will spread from the west overnight, hovering around the summits and persisting into the morning. From midday, cloud steadily lifting and clearing to leave another warm and sunny evening. Possibly some light drizzle early in the morning, but otherwise a dry day.

Maximum wind: North-westerly becoming north-easterly 10mph gusting 20mph

Chance of cloud free mountain/hill tops above 600m: 60% slowly increasing to 100%

Visibility: Moderate to poor early in the morning, with cloud base 500-600m. Steadily improving to good visibility for the rest of the day.

Temperature: **Valleys:** PS 15 degrees Celsius becoming plus 22 degrees Celsius.
At 600m: PS 12 degrees Celsius becoming plus 18 degrees Celsius.
Freezing level: Above summits

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